

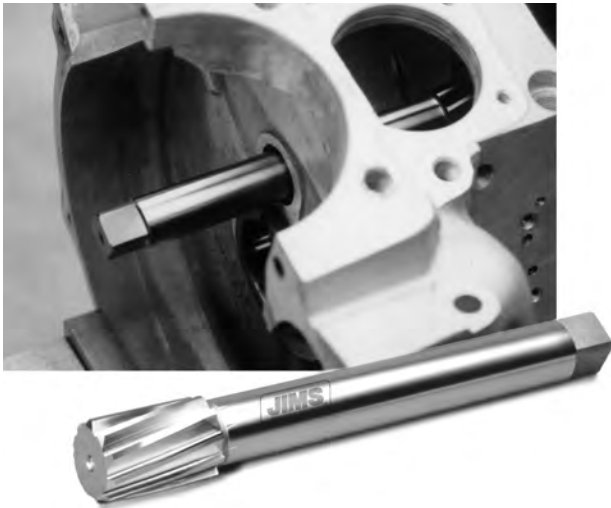
CAM ASSEMBLY TOOL

Use to hold both cams in an upright position while lowering the cam support plate over both guides and cam journal guides. This tool has been manufactured from a non-marring material that will not damage any of the cams' surfaces. For more details see No.990-IS instructions.

No.990 - Use on all T/C, 2006-present Dyna™ and 2007-present FL & FXST.

PARTS AVAILABLE SEPARATELY

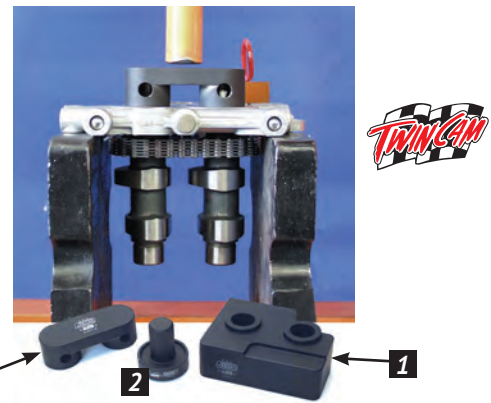
NO.	QTY.	DESCRIPTION	PART NO.
1	1	BASE	990-1
2	1	FRONT GUIDE	990-2
3	1	REAR GUIDE	990-3
4	1	INSTRUCTION SHEET	990-IS



CAM BUSHING LINE REAMER TOOL

Use to line ream cam cover bushing to size, from inner cam bearing, for a true centerline between the two dimensions. Finish size will be about .0008"-.0015" over the cam journal. For more details see No.1023-IS instructions.

No.1023-70 - Use on all Big Twin 1970-present single cam only. (NOTE: Includes aftermarket motors.)



CAMSHAFT REMOVER & INSTALLER

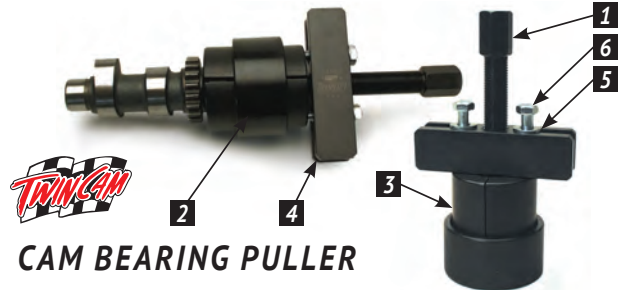
This multi-function tool will remove and replace front and rear camshafts and the ball bearings in the Twin Cam 88°. It provides the precision alignment of the camshaft to ensure a smooth press in and out of the support plate. For more details see No.1277-IS instructions.

No.1277 - Use on all Twin Cam® 1999 to early 2000 to remove & install cams & bearings.

Use on all Late 2000-06 FXST, FL & Late 2000-05 FXD to remove & install cams only.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	TWIN CAM SUPPORT BLOCKS	1277-1
2	1	CUP, TWIN CAM TOOL	1277-2
3	1	PILOT, INSTALLER TWIN CAM	1277-3
4	1	INSTRUCTION SHEET	1277-IS



CAM BEARING PULLER

Once the camshafts are removed from the support plate this specialty tool will remove the bearing from the camshaft. Unlike a general purpose puller this tool was designed to remove the bearing straight with no slipping or binding. For more details see No.1280-IS instructions.

No.1280 - Use on all Twin Cam® 1999 to early 2000 for removal of bearings. Use on all Late 2000-06 FXST, FL & Late 2000-05 FXD for removal of front cam bearing.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	SCREW	1024
2	1	RING	1044-TU-2
3	2	BEARING REMOVER SIDES	2305-1
4	1	PULLER BAR	2013
5	2	5/16 HEAVY FLAT WASHER	2014
6	2	BOLT	2003
7	1	INSTRUCTION SHEET	1280-IS